

TREUS, V. D. (USSR)

"Experimental acclimatization of wild ungulates in "Ascania Nova" in Russia."

report presented at the Intl. Symposium on Methods of Theriological
Investigation. Brno, Czech.,
26 Aug - 4 Sept. 1960

TREUS, V.D., kand.biolog. nauk; STEKLENEV, Ye.P., kand.biolog. nauk; VOLKOV, S.A.,
kand.veterin. nauk; ANDRIYEVSKIY, I.V., nauchnyy sotrudnik

Hybridization of musk ducks with domestic ducks and some characteristics
of the hybrids. Nauch. trudy "Ask.-Nov." 13:107-119 '63. (MIRA 17:2)

STEKLENEV, Ye.P., kand.biolog. nauk; TREUS, V.D., kand.biolog. nauk

Hybridization of gallinaceous birds in the Askaniya-Nova Zoological
Garden. Nauch. trudy "Ask.-Nov." 13:97-106 '63. (MIRA 17:2)

ANDRIYEVSKIY, I.V., nauchnyy sotrudnik; TREUS, V.D., kand.biclog. nauk

Game, and ornamental birds in the Askaniya-Nova Zoological Garden.
Nauch. trudy "Ask.-Nov." 13:30-86 '63. (MIRA 17:2)

TREUS, V.D., kand.biolog.nauk (Askaniya-Nova); LOBANOV, N.V. (Askaniya-Nova);
SLES', I.S., kand.biolog.nauk (Askaniya-Nova)

Zebras in Askaniya Nova Preserve. Priroda 52 no.16:73-78 '63.
(MIRA 16:12)

TREUS, V.D., kand.biolog.nauk; STEKLENEV, O.P. [Stieklien'ov, O.P.],
nauchnyy sotrudnik

Crossbreeding common hare with the domestic rabbit. Nauk.pratsi
"Ask.-Nov." 9:106-109 '61. (MIRA 15:3)
(Hares) (Rabbit breeding)

TREUS, V.D.

Exceptional case of twins in *Taurotragus oryx* Pall. Dop.
AN. URSR no.6:822-824 '61. (MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhiivotno-
vodstva "Askaniya-Nova". Predstavleno akademikom AN USSR
V. G. Kas'yanenko [Kas'ianenko, V.H.]
(Birth, Multiple)

TREUS, V.D.; STEKLENEV, Ye. P.

On so-called "leporides". Zool. zhur. 40 no.6:945-947 Je '61.
(MIRA 14:6)

1. Zoo "Askania-Nova".
(Hares) (Rabbits)
(Hybridization)

TREUS, V.D., kand.biol.nauk; LOBANOV, N.V.; ANDRIYEVSKIY, I.V.

Askaniya-Nova. Priroda 50 no. 3:42-49 Mr '61. (MIRA 14:2)

1. Zoopark "Askaniya-Nova."
(Askaniya-Nova Preserve)

TREUS, V.D.; KRAMARENKO, D.A.; GARKUSHA, V.Ye., red.; DMITRIYEVSKAYA,
M.Z., khudozh.-tekhn.red.

[The Askaniya-Nova Zoological Park] Zoopark "Askaniia-Nova."
Kiev, Gos.izd-vo sel'khoz.lit-ry USSR, 1960. 45 p.

(MIRA 13:12)

(Askaniya-Nova Preserve--Zoological gardens)

TREUS, V.D., STEKLENEV, Ye.P.

Experiments in hybridizing cattle with the eland *Taurotragus*
oryx Pall. Zhur.ob.biol. 19 no.6:472-477 N-D '58 (MIRA 11:12)

1. Zoopark Ukrainskogo nauchno-issledovatel'skogo instituta
zhivotnovodstva stepnykh rayonov imeni M.F. Ivanova "Askania-Nova."
(HYBRIDIZATION)
(ELANDS)
(CATTLE)

TRHUS, V.D.

Bird fauna of Askaniya-Nova. Uch.zap. KHGU 52:79-104 '54.
(MIRA 11:11)

1. Kafedra zoologii pozvonochnykh Khar'kovskogo gosudarstvennogo
universiteta (zav.kaf. - prof. I.P. Volchanetskiy) i zoopark insti-
tuta "Askaniya-Nova" (zav. zooparkom - kand.biol.nauk G.A. Uspenskiy).
(Askaniya-Nova Preserve--Birds)

TRBUS, V.D.; USPENSKIY, G.A.

Attracting useful birds in Askaniya-Nova. Uch.zap. KHGU 52:205-223
'54. (MIRA 11:11)

1. Zoopark Vsesoyuznogo instituta "Askaniya-Nova" (zav. - G.A. Uspenskiy) i kafedra zoologii pozvonochnykh khar'kovskogo gosudarstvennogo universiteta (zav. - prof. I.B. Volchanetskiy).
(Askaniya-Nova Preserve--Birds, Protection of)

TREUSHNIKOV, Yu.; KIRILLOV, G.; SHITOV, V., kapitan-nastavnik

Study of winter navigation conditions on the Kuybyshev Reservoir.
Rech.transp. 23 no.11:6 N '64. (MIRA 18:3)

1. Zamestitel' nachal'rika Volzhskogo gosudarstvennogo parokhodstva
po tankernomu tonnazu (for Treushnikov). 2. Kapitan ledokola
"Dnepr" (for Kirillov).

GORDEYEV, I.V.; TRET'YAKOV, Yu.D.; KHOMYAKOV, K.G.

Thermodynamic properties of solid solutions of magnesium oxide
and ferrous oxide. Vest.Mosk.un. Ser.2:Khim. 18 no.6:59-61
N-D '63. (MIRA 17:4)

1. Kafedra obshchey khimii Moskovskogo universiteta.

TREUS, V.D.

Windbreaks, Shelterbelts, Etc.

Attracting birds to shelterbelts. Lis 1 step' 4 no.2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952.
Unclassified.

TREUS, V.D., kand.biolog.nauk; STEKLENEV, Ye.P., starshiy nauchnyy
sotrudnik

Crossbreeding cattle with elands. Trudy "Ask.-Nov." 8:73-83 '60.
(MIRA 14:4)

(Cattle breeding) (Elands)

TREUS, V.D., kand.biolog.nauk

Propagation of emus in the Askaniya-Nova Zoological Garden.

Trudy "Ask.-Nov." 8:155-170 '60.

(MIRA 14:4)

(Askaniya-Nova--Emus)

TREUS, V.D., kand.biolog.nauk

Breeding flat breastbone birds (Ratites) at the Askaniya-Nova
Zoological Garden and their biological characteristics resulting
from the process of acclimatization. Nauk.protsi "Ask.-Nov."
9:110-123 '61. (MIRA 15:3)
(Askaniya-Nova preserve--Ratitae)

TREUS, V.D., kand.biolog.nauk

Raising Przhevalsk horses and their hybrids at the Askaniya-Nova
Zoological Garden. Nauk.pratsi "Ask.-Nov." 9:86-100 '61.

(MIRA 15:3)

(Askaniya-Nova Preserve—Horses)

TREUS, V.D.; STEKLENEV, Ye. P. [Steklen'ov, E.P.]

Bison-yak hybrids. Dep. AN URSR no. 5:691-693 '61.

(MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovodstva
"Askaniya-Nova." Predstavleno akademikom AN USSR V. G. Kas'yanenko
[Kas'ianenko, V.H.].

(Bison)

(Yaks)

TREUS, V.D., kand.biologicheskikh nauk; LOBANOV, N.V.

Watusi cattle and their hybrids in "Ashaniya-Nova." Agro-
biologiya no.6:942-945 N-D '62. (MIRA 16:1)

1. Ukrainskiy nauchno-issledovatel'skiy institut zhivotnovod-
stva stepnykh rayonov imeni M.F.Ivanova "Askaniya-Nova".
(Askaniya-Nova preserve--Cattle breeding)

SALGANSKIY, Aleksey Aleksandrovich, dots., kand. biol. nauk; SLES',
Ivan Sergeyevich, kand. biol. nauk; TREUC, Vladimir
Danilovich, kand. biol. nauk; USPENSKIY, Gerasim Aleksandrovich,
kand. biol. nauk; MOKEYEV, A.Ye., otv. za vypusk; DOBRZHANSKIY,
V.N., red.; POTOTSKAYA, L.A., tekhn. red.

[Askaniya-Nova Zoological Garden; acclimatization of ungulates
and ostriches] Zoopark "Askaniia-Nova," opyt akklimatizatsii
dikikh kopytnykh i strausov. Kiev, Gossel'khozizdat USSR,
1963. 305 p. (MIRA 16:11)

1. Direktor Ukrainskogo nauchno-issledovatel'skogo instituta
zhivotnovodstva stepnykh rayonov im. M.F.Ivanova "Askaniya-
Nova" (for Mokeyev).

(Askaniya-Nova Preserve--Ungulata)

(Askaniya-Nova Preserve--Ostriches)

POZIN, M.Ye.; TARAT, E.Ya.; TERESHCHENKO, L.Ya.; ZUBOV, V.V.; TREUSHCHENKO, N.N.

Kinetics of nitrogen oxide absorption with aqueous salt
solutions. Izv.vys.ucheb.zav.; khim.i khim.tekh. 8
no.4:628-632 '65. (MIRA 18:11)

1. Leningradskiy tekhnologicheskij institut imeni Lensoвета,
kafedra tekhnologii neorganicheskikh veshchestv.

TREUSHKOV, V.N. (Arkhangel'sk)

Settling of a brick building on a pile foundation in weak,
nonhomogeneous, clayey soils. Osn. fund. i mekh. grun. 5 no.3:
16-17 '63. (MIRA 17:1)

TREUSHNIKOV, A., inzh. ekspluatatsii vodnogo transporta;
SAZANOVA, M., inzh. ekspluatatsii vodnogo transporta;
MAMONOV, N., inzh. ekspluatatsii vodnogo transporta;
SERGEYEV, R., inzh. ekspluatatsii vodnogo transporta

Correct formulation of the problem. Rech. transp. 22 no.4:42
Ap '63. (MIRA 16:4)

(Inland water transportation--Employees)

TREUSHNIKOV, A., inzhener.

Speed up the turnover of freight and passenger ships. Mor.1 rech.
flot 14 no.2:4-6 F '54. (MIRA 7:1)
(Shipping)

TREUSHNIKOV, Yu., inzh.; KIRILLOV, G., kapitan-nastavnik

Change the order of placing the beacons. Rech. transp. 21
no.3:44-45 Mr '62. (MIRA 15:4)

(Beacons)

TREUSTER,, G.N. (Minsk)

Roentgenography and tomography of the sternal end of the clavicle
and of the sternoclavicular joint. Vest. rent. 1 rad. 32 no.1:15-17
supplement '57 (MLRA 10:5)

(CLAVICLE, radiography

sternoclavicular joint & sternal end of clavicle)

(STERNUM, radiography

sternoclavicular joint)

TREVOGA, Ivan Andreyevich, kand. sel'khoz. nauk; SHEVCHUK,
Ivan Petrovich, Geroi Sotsialisticheskogo Truda;
BASENKO, P.V., red.; KHLOBORDOV, V.I., tekhn. red.

["Ventsy-Zaria", a highly profitable farm]. "Ventsy-
Zaria"- vysokorentabel'noe khoziaistvo. Krasnodar,
Krasnodarskoe knizhnoe izd-vo, 1961. 46 p.

(MIRA 16:10)

1. Glavnyy zootekhnik plemennogo zavoda "Ventsy-Zarya",
Gul'kevichskiy rayon (for Trevoga). 2. Direktor plemen-
nogo zavoda "Ventsy-Zarya", Gul'kevichskiy rayon (for
Shevchuk).

(Swine)

TREVOGIN, P.A. (Leningrad)

Method of determining the minimum number of inverters in analog
systems. Izv. AN SSSR. Otd. tekhn. nauk. Energ. i avtom. no. 3:176-180
My-Je '60. (MIRA 13:7)

(Engineering models)
(Electronic analog computers)

SOCHIVKO, V.P.; GALICH, Ye.V., inzh., retsenzents; TREVOGIN, P.A.,
kand. tekhn. nauk, retsenzents; KRAYZMER, L.P., nauchn. red.;
SACHUK, N.A., red.; KRYAKOVA, D.M., tekhn. red.

[Pattern recognizing devices; survey of foreign and Russian
literature] Opoznaushchie ustroistva; obzor otechestvennoi
i zarubezhnoi literatury. Leningrad, Sudpromgiz, 1963. 78 p.
(MIRA 16:11)

(Optical pattern recognition)

S/024/60/000/03/024/028
E140/E463

AUTHOR: Trevogin, P.A. (Leningrad)

TITLE: Method for Determining Minimum Number of Inverters in Analogue Differential Analysers⁵⁶

PERIODICAL: Izvestiya Akademii nauk SSSR, Otdeleniye tekhnicheskikh nauk, Energetika i avtomatika, 1960, Nr 3, pp 176-180 (USSR)

ABSTRACT: The problem of minimizing the number of inverters required in analogue differential analysers is considered on the basis of set theory. It is assumed that to change the sign at the output of a functional block, it is necessary to change the signs of all input quantities or to use an inverter. It is assumed that each integrator changes the sign of the output quantity. The procedure is based on the use of a table and certain theorems of set theory. An exhaustive analysis is made to arrive at the required minimum. The method may be used manually for problems of order up to 10 or 15. For more complicated problems digital computers are required. The author has composed a program for the computer Ural-I in which a problem of order 35 was solved in 7 hours (Ural-I performs 100 operations per second).

Card 1/2

16

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B

S/024/60/000/03/024/028
E140/E463

Method for Determining Minimum Number of Inverters in Analogue
Differential Analysers

There are 3 tables and 2 Soviet references.

SUBMITTED: February 23, 1960

Card 2/2

✓B

TREVEN, Joz, dipl. inž. stroj. (Maribor, Franska 4/1A).

Automation of a blast furnace plant. Automatika 5 no.1:32-37
64.

LEBEDEV, Andrey Nikolayevich; GINZBURG, R.I., kand. tekhn. nauk, retsenzent; MAGIN, S.M., inzh., retsenzant; MOZZHUKHIN, N.M., kand. tekhn.nauk, retsenzent; TREVOGIN, P.A., kand. tekhn. nauk, retsenzent; TSEYTLIN, Ya.M., nauchnyy red.; LESKOVA, L.R., red.; ERASOVA, N.V., tekhn. red.

[Modeling of transcendental equations] Modelirovanie transtsendentnykh uravnenii. Leningrad, Sudpromgiz, 1963. 187 p.

(Mathematical models)

(MIRA 16:5)

TREVOR-BATTYE, Aubyn Bernard Rochfort

A northern highway of the Tsar. **Illustrated** by the author. Westminster, A. Constable and co., 1898. 256 p. front. (port) plates, fold. map. LC: DK501.T83

SO: Soviet Transportation and Communication, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified;

F

R

METHODS FOR DETERMINATION OF ELECTRICAL CONDUCTIVITY AND THEIR APPLICATION
TO INVESTIGATION OF SOME REFRACTORIES AT HIGH TEMPERATURES. Trevyatskii, S.G.
(Ogneupory (Refractories), Feb. 1951, 68-75).

BUDNIKOV, P. P.; TREVIATSKIY, S. G.

Calcium Compounds

Fusibility diagram for the system $\text{CaO} - \text{CaF}_2$. Dokl. AN SSSR 89, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

BUDNIKOV, P. P.; TREVIATSKIY, S. G.

Fusion

Fusibility diagram for the system CaO-PaF_2 . Dokl. AN SSSR 89, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

CA 12

Treatment of animal or vegetable waste products.
Anton Trexler, Austrian 156,259, June 10, 1939 (Cl.
37). Solid waste products of animal or vegetable origin
are freed from fats by treatment in a centrifuge with a dry
gas stream heated to at least 200°, c. g., to 200-450°.
The process may be applied to the production of defatted
albuminous materials useful as fodder. App. is described.

ASM - 3.1 A METALLURGICAL LITERATURE CLASSIFICATION

GUSINSKIY, G.M.; LEMBERG, I.Kh.; TREYBAL, Z.

Angular distributions of gamma radiation emitted in the discharge of the first excited levels of Ti^{47} nuclei and the 246 kev. level of Se^{77} . Izv. AN SSSR. Ser. fiz. 26 no.8: 1014-1018 Ag '62. (MIRA 15:11)

1. Fiziko-tekhnicheskiy institut imeni A.F.Ioffe AN SSSR.
(Titanium—Isotopes) (Selenium—Isotopes) (Quantum theory)

Angular distribution of the ...

S/048/62/026/008/008/028
B163/B104

from each of the 4 detectors were recorded in four groups of a 128-channel amplitude analyzer. The surface of the isotopically enriched targets, titanium oxide, metallic vanadium and selenium, measured $6 \times 6 \text{ cm}^2$. From the results it is concluded that spin and parity of the first level of Ti^{47} at 160 keV are most probably $\frac{5}{2}^-$, but $\frac{7}{2}^-$ cannot be completely excluded. Spin and parity of the first level of V^{51} at 323 keV are $\frac{5}{2}^-$. The ratio of the amplitudes of the E2 - and M1 - transitions is $\delta = 0.51^{+0.15}_{-0.10}$ and the life time of the 323 keV level $(2.75^{+0.85}_{-0.63}) \cdot 10^{-10}$ sec. Spin and parity of the 246 keV level of Se^{77} is $\frac{3}{2}^-$, the E2 - M1 - amplitude ratio $\delta = +0.19^{+0.02}_{-0.03}$ and the life time of the 246 keV level $\tau = (0.50^{+0.26}_{-0.26}) \cdot 10^{-10}$ sec. There are 4 figures. ✓

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe Akademii nauk SSSR (Physicotechnical Institute imeni A. F. Ioffe of the Academy of Sciences USSR)

Card 2/2

TREYBAL, Zdenek; IVANOVA, I.I. [translator]; MAYOROV, A.K., spets.red.;
TRIPOL'SKIY, L.G., red.; DOTSENKO, A.A., tekhn.red.

[The art of-driving an automobile] Iskusstvo vozhdeniia avto-
mobilia. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1960. 287 p.
Translated from the Czech. (MIRA 13:11)
(Automobile drivers--Handbooks, manuals, etc.)

TREYER, V.M.; OBUKHOV, V.I. [Abukhau, V.I.]

Some features of the modern theory of automation serving as a
bond between the different realms of knowledge. Vestsi AN BSSR.
Ser. Fiz.-tekh. nav. no. 4:5-10 '60. (MIRA 14:1)
(Automation)

TELEGIN, V.G.; SIDOROV, V.A.; KHARCHENKO, A.A.; ZHARKOVA, D.R.; TREYESHO, Ye.I.

Obtaining ditolyl ethane. Nefteper. i neftekhim. no.1:
34-39 '64. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftekhim-
icheskikh protsessov, Leningrad.

S/170/60/003/012/014/015
B019/B056

AUTHORS: Yerofeyev, B. V., Academician of the AS BSSR, Treyer, V. N.,
Corresponding Member of the AS BBS, Franyuk, V. A.,
Candidate of Physical and Mathematical Sciences

TITLE: Nikolay Sergeyevich Akulov (On the Occasion of His 60th
Birthday)

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, 1960, Vol. 3, No. 12,
pp. 119-122

TEXT: On September 12, 1960, Academician of the AS BSSR, Professor
N. S. Akulov was 60. He looks back upon a 35 years' activity as head of
the Laboratory of Problems of Physics of the FTI AS BSSR. Akulov finished
high school in 1919, 1920 he joined the Red Army, and, after having been
demobilized in 1921, he began to study at the khimicheskiy fakul'tet
Kubanskogo politekhnicheskogo institut (Chemical Department of the Kuban
Polytechnic Institute). From 1922 onward he studied at the fiziko-
matematicheskii fakul'tet (Department of Physics and Mathematics) at
Moscow. Under the guidance of Professor M. A. Izgaryshev he studied the

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Nikolay Sergeyevich Akulov (On the Occasion
of His 60th Birthday)

S/170/60/003/012/014/015
B019/B056

properties of aerosols and, after graduation, he became Aspirant at the Laboratory of Professor V. K. Arkad'yev. In 1928 he formulated the anisotropy law for ferromagnetic bodies, which is named after him. After having become a docent, he worked in the capacity at the Kafedra fiziki Gor'kovskogo gosudarstvennogo universiteta (Chair of Physics of Gor'kiy State University), where he set up the laboratory of magnetism and established the first Chair of Magnetism in the Soviet Union. Under his supervision, a large number of experts on magnetism were trained (Ye. I. Kondorskiy, N. L. Bryukhatov, K. P. Belov, G. P. D'yakov, D. I. Volkov et al.). In 1940 he was elected Member of the Academy of Sciences of the Belorusskaya SSR and also Secretary of the technical branch of the Academy. He was awarded the Order of the Red Banner of Labor and the Prize imeni M. V. Lomonosov. Among other things, he was also concerned with the physics of combustion processes and the strength of metals. This work was carried out in collaboration with the Fiziko-tekhnicheskiy institut AN BSSR (Institute of Physics and Technology of the AS BSSR). Together with Kunavina, Akimov, Sol'chev and others, he developed a vibration-defectoscope, which is widely in use. There is 1 figure. ✓

Card 2/2

L 22909-02 EWA(h)/EWP(c)/EWP(k)/EWT(d)/EWT(l)/EWP(h)/ETC(m)-6/T/EWP(l)/EWP(v)

ACC NR: AP6014797

IJP(c) TG

SOURCE CODE: UR/0250/65/009/008/0541/0543

AUTHOR: Treyer, V. N.

ORG: Institute of Machine Science and Automation, State Committee on Machine Building, Gosplan SSSR (Institut mashinovedeniya i avtomatizatsii Goskomiteta po mashinostroyeniye pri Gosplane SSSR)

TITLE: Theory for rapid determination of reliability indexes for machine and instrument parts

SOURCE: AN BSSR. Doklady, v. 9, no. 8, 1965, 541-543

TOPIC TAGS: reliability engineering, distribution function

ABSTRACT: Ordinary methods of ¹⁴testing machine and instrument parts for reliability are too time-consuming. A theory is developed for accelerating reliability tests which will give valid results. The theory is based on a distribution law and a hyperbolic law of service life. Samples are tested by step-wise loading until 50% of the objects fail. Meanwhile two other sample lots are tested under constant load. Results are manipulated mathematically to give reliability and service life indexes that can be extended to parts that have not been used. Orig. art. has: 5 formulas. [JPRS]

SUB CODE: 13 / SUBM DATE: 21Apr65 / ORIG REF: 002

Card 1/1 *20*

TRUYEP, V.N.

Theory of the rapid determination of the reliability indices of
machine parts and instruments. Dokl. AN BSSR 9 no.8:541-543 '8
'65. (MIRA 18:10)

1. Institut mashinovedeniya i avtomatizatsii Gosudarstvennogo
komiteta po mashinostroyeniyu pri Gosplane SSSR.

ZHDANOVICH, Gennadiy Mikhaylovich; TREYER, V.N., doktor tekhn.
nauk, prof., retsenzent; STREL'CHENYA, I.P., red.;
KONCHITS, Ye.P., tekhn. red.

[Theory of the pressing of metal powders and their mixtures]
Nekotorye voprosy teorii protsessa pressovaniia metalliche-
skikh poroshkov i ikh smesei. Minsk, Redaktsionno-izdatel'-
skii otdel BPI im. I.V.Stalina, 1960. 97 p. (MIRA 15:9)

1. Chlen-korrespondent Akademii nauk BSSR (for Treyeyer).
(Powder metallurgy)

YALEVSKIY, D.B., gornyy inzh.; TREYEROV, D.M., glavnyy bukhgalter

Necessary and useful book. ("Analysis of material and financial expenditures in coal mining costs" by V.I. Beliaev. Reviewed by D.B. Ialevskii, D.M. Treerov). Ugol' 35 no.9:63-64 S '60. (MIRA 13:10)

1. Kombinat Kuzbassugol'.
(Coal mines and mining—Costs)
(Beliaev, V.I.)

TREYEROV, N. I.

Treyerov, N. I. "An electromagnetic hydroautomatic machine", Trudy Tul. tekhn. in-ta, Issue 2, 1949, p. 99-100.

So: U-3261, 10 April 51, (Letonis 'Zhurnal 'nykh Statey, No. 12, 1949).

TREYFEL', Viktor Germanovich; KULIKOV, G.S., red.

[Giant planets] Planety-giganty. Moskva, Izd-vo "Nauka,"
1964. 84 p. (Populiarnye lektsii po astronomii, no.13)
(MIRA 17:6)

TREYFELDT, A. [Treifeldt, A.] (Tallin)

Research of Estonian economists in the fields of construction and
production of construction materials. Vop. ekon. no.8:148-149 Ag
'59. (MIRA 12:11)

(Estonia--Building materials)

TRAYFELDT, ALFRED ALBERTOVICH

731.22
.18

Voprosy Ekonomiki Slantsedobyva -
Yushchey Ironyshlennosti (Economic Problems of the Slate-Quarrying
Industry, By A.A. Trayfeldt, 1 br.)
Moskva, Ugletekhizdat, 1957.
89, (2) P. Graphs, Tables.
At head of title: Akademiya Nauk Estronskoy SSR. Institut Ekonomiki.
"Literatura": P. (91)

L 17697-66 EWP(j)/EWT(m)/T/EWP(v) RM/WW

ACC NR: AP6007856

(A)

SOURCE CODE: UR/0138/66/000/002/0023/0025

AUTHOR: Rayevskiy, V. G.; Maloshchuk, Yu. S.; Treyger, D. M.; Voyutskiy, S. S.

ORG: Moscow Institute of Fine Chemical Technology im. M. V. Lomonosov (Moskovskiy institut tonkoy khimicheskoy tekhnologii)

TITLE: Effect of fillers on the cohesion and adhesion of rubbers 16,44,55 41 B

SOURCE: Kauchuk i rezina, no. 2, 1966, 23-25

TOPIC TAGS: synthetic rubber, filler, cohesion, adhesion

ABSTRACT: A study has been made of the effect of the filler content on the cohesion strength of rubbers and on rubber-to-fabric adhesion strength. The adhesion strength was determined in stripping tests. The effect of fillers on the cohesion of rubber was studied with nonvulcanized SKN-40 nitrile rubber and chalk filler. Mixtures with various filler contents were prepared on a hot mill. Cohesion of the mixtures first increased, then dropped, with an increase in the chalk content. The positive effect of small amounts of chalk, an inert filler, on the cohesion strength was ascribed to the chalk's contribution to mechanical degradation of the rigid SKN-40 rubber in milling. Large amounts of chalk decrease the contact surface of the polymer. The effect of fillers on the rubber-to-fabric adhesion strength was studied with vulcanized sodium butadiene (SKB-30r) rubber, polychloroprene rubber, or butyl rubber filled with chalk or carbon black or channel black (a reinforcing filler) and cotton, polyamide, or glass fabric. Addition of increasing amounts of inert or reinforcing

Card 1/2

UDC: 678.7:678.046:539.612

L 17697-66

ACC NR: AP6007856

filler resulted in a monotonic drop in the adhesion strength. This result was ascribed to the poorer plasticity of filled mixtures. Orig. art. has: 3 figures. [BO]

SUB CODE: 11/ SUBM DATE: 22Feb65/ ORIG REF: 006/ ATD PRESS: 4210

Card

2/2

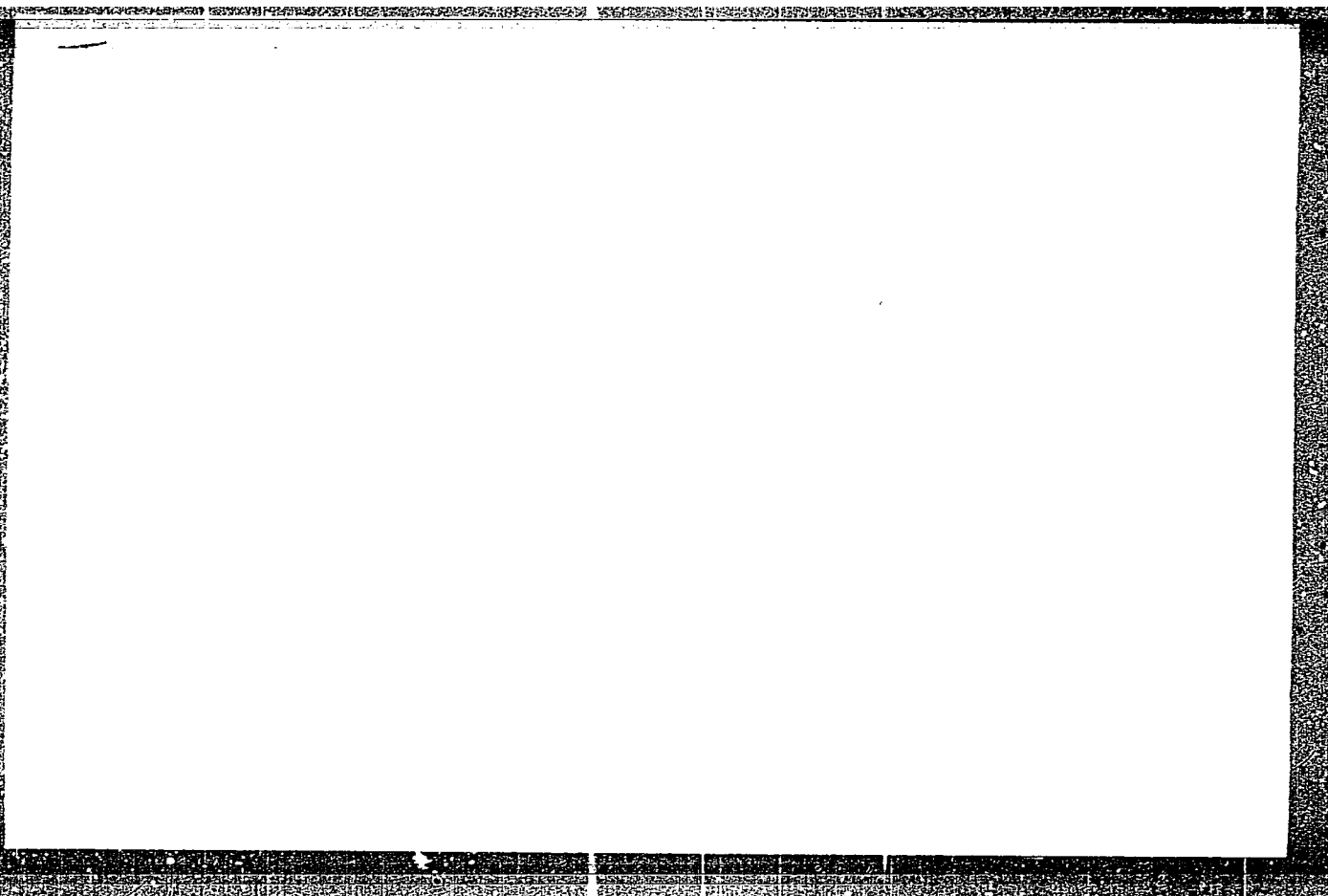
CHUB, G.F.; TREYGER, I.N.; SAVRANSKAYA, A.P.; BABICH, G.A.

Using a carbometer for faster determination of carbon during the
smelting of open-hearth steel. Zav.lab.22 no.4:391-397 '56.
(MIRA 9:7)

1.Zavod "Zaperezhstal" imeni S.Ordzhonikidze.
(Carbon--Analysis) (Steel--Analysis)

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756610007-8



APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756610007-8"

SOV/137-58-7-14063

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 12 (USSR)

AUTHORS: Treyger, I. N., Kashcheyeva, N. A., Savranskaya, A. P.

TITLE: Determining the Reducibility of the Sinter at the Zaporozhstal' Plant (Opredeleniye vosstanovimosti aglomerate na zavode "Zaporozhstal'")

PERIODICAL: Byul. nauchno-tekhn. inform. Ukr. n. -i. in-t metallov, 1957, Nr 2, pp 84-89

ABSTRACT: Improvement in the methods of determining the reducibility of the sinter makes it possible to run 20-24 analyses per day instead of 5. The sinter sample taken is 200 g in the 8-10 mm fraction at $800 \pm 5^{\circ}\text{C}$. The gas flow is continued for 1 hour 25 min, and the rate of gas passage is 3.4 liters/min, the total gas consumption being 290 liters. For better employment of the furnaces, 2 reaction tubes are assigned to each (to permit one tube to be charged while the other is cooling). Their design has been improved: size is reduced by 60 percent, the Fe crucible is replaced by a screen floor, and the method of sealing the reaction tube has been changed (bolted flanges have been replaced by a threaded cover). Three reaction furnaces

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SOV/137-58-7-14063

Determining the Reducibility of the Sinter at the Zaporozhstal' Works

have been installed. Blast-furnace gas may be used instead of producer gas. Blast-furnace gas containing 10% CO₂, 0.5% O₂, and 30.5% CO acquires the following composition after being passed through a 30% caustic or pyrogallol solution: 0.5% CO₂, no O₂, and 32.8% CO.

G. F.

1. Ores--Processing 2. Sintering furnaces--Performance 3. Gases--Applications

Card 2/2

SOV/133-58-10-30/31
AUTHORS: Treygar, I.N., Kashcheyev, N.A. and Savranskaya, A.P.

TITLE: Tin Recovery from Waste Products of Tin Plating
(Iz vlecheniye olova iz otkhodov luzheniya zhesti)

PERIODICAL: Stal', 1958, Nr 10, pp 957-959 (USSR)

ABSTRACT: During hot tinning of white tinplate, only 80% of tin is actually consumed for tinning; the remaining 20% is transferred into waste products. A chemical method of recovery of tin from the waste products is proposed. It consists of dissolving waste products in hydrochloric acid and, after dilution with water, tin is precipitated in the form of sponge by zinc. Tin sponge is washed, pressed into briquettes and smelted under flux. Tin recovered in this way is suitable for the manufacture of white tin plate. The solution of zinc and ferrous chlorides, which remains after the separation of tin sponge, is treated with 30% hydrogen peroxide to oxidise ferrous iron to ferric iron, which is then precipitated with 25% ammonia (pH = 2). The precipitated ferric hydroxide is separated either by settling or centrifuging and the

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SOV/133-58-10-30/31

Tin Recovery from Waste Products of Tin Plating

remaining zinc chloride solution is evaporated to a
sp.gr. 1.52-1.54, purified from sulphate ions by treatment
with CaCl_2 and used as a flux for tinning.

There is 1 figure.

ASSOCIATION: Zavod "Zaporozhstal'" ("Zaporozhstal'" Works)

Card 2/2

TRAYGER, I.N.; KOSHCHYEVA, N.A.

New type laboratory on the basis of automation and mechanization.
Zev.lab. 29 no.2:246-250 '63. (MIRA 16,5)

1. Zaporozhskiy stalepavil'nyy zavod.
(Zaporozh'ye—Metallurgical laboratories) (Automation)

TREYGER, I.N.

Automatization and mechanization of chemical analysis in the laboratories of the "Zaporozhstal'" Plant. Zav.lab 26 no.10:1192-1195 '60.
(MIRA 13:10)

1. Nachal'nik Tsentral'noy khimicheskoy laboratorii "Zaporozhstal'".
(Chemical laboratories)

S/032/60/026/010/035,'035
B016/B054

AUTHOR: Treyger, I. N., Chief

TITLE: Automation and Mechanization of Chemical Analysis in the
Laboratories of the "Zaporozhstal'" Works

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol. 26, No. 10,
pp. 1192 - 1195

TEXT: The author reports on the solution of the following tasks in the chemical laboratory of his works: improvement of the methods of chemical control, and reduction of time for analyses without loss in precision. These tasks were solved by modernizing the laboratory apparatus, mechanizing certain operations, and introducing progressive analytical methods and a better working organization. A high-speed vibration pulverizer was, for instance, used for the crushing of samples (50 g of loose material are pulverized to a grain size of 75 μ within 4-5 min.). Pneumatic mortars crush samples of crude iron, slag, or ferromanganese to a grain size of 200 meshes within 1 min. Measures are taken to prevent the mix-up of samples. The samples are provided with printed labels

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Automation and Mechanization of Chemical
Analysis in the Laboratories of the
"Zaporozhstal'" Works

S/032/60/026/010/035/035
B016/B054

showing the number of the team, of the furnace, and of the sample. Only the number of the melt is entered by hand. The samples are transported to the analytical balance by means of a conveyer belt with an electric bell announcing the arrival of the sample. Much personnel could be saved by these measures. The very important, clear arrangement of fixtures for the benefit of the laboratory assistants is ensured by the supply of oxygen, compressed air, cold, hot, and distilled water. In the fume chambers of the high-speed laboratory, many operations are concentrated, and many apparatus are accommodated: burettes with pneumatic supply of solutions and acids which are stored in carboys in the lower part of the fume chamber. Further, there are tanks with running water for cooling, and filter funnels connected with a suction pump. Special titrating apparatus (Fig.1) with supply of solutions by compressed air and with mixers were installed in the laboratory. Automatic measuring bowls (Fig.2) are used to measure unstable solutions. The transport and pouring off of concentrated acids is facilitated by special balances and stands for acid carboys. Universal electric furnaces (Ref.1) are used instead of muffles. Combined laboratory furnaces are cooled

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Automation and Mechanization of Chemical
Analysis in the Laboratories of the
"Zaporozhstal'" Works

S/032/60/026/010/035/035
B016/B054

(especially in summer) with running water. Special devices for the gasometric and mass determination (up to 50 per shift) of carbon (Fig.3) by the baryta method were installed (on the basis of experience made at the Verkh-Isetskii Works). Fig.4 shows a mechanized apparatus for sulfur determinations. All operations are mechanized in the special apparatus for determining bound nitrogen in steel (Fig.5). In the high-speed laboratory of the open-hearth works, a special apparatus was installed for a simultaneous leaching of four slag samples (Refs.2,3) which is used to determine basicity by the semimicro method. Manganese is titrated potentiometrically in various materials with a bimetallic electrode pair of Pt/W. An γ -carbometer was used (Ref.4) for a quick carbon determination during steel melting (along with manganese by means of a styloscope). A single worker operates twelve open-hearth furnaces, and makes - within one shift - 150 determinations on the carbometer and the styloscope. The results are transmitted by radio to the works department. By the photolorimetric method, and by determination of several components in one weighed sample, the time required for an analysis was much reduced. This also reduces the consumption of reagents. The working

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Automation and Mechanization of Chemical
Analysis in the Laboratories of the
"Zaporozhstal'" Works

S/032/60/026/010/035/035
B016/B054

capacity of the laboratory was increased by 33% as compared with 1951.
There are 5 figures and 4 Soviet references.

ASSOCIATION: Tsentral'naya khimicheskaya laboratoriya "Zaporozhstal'"
(Central Chemical Laboratory "Zaporozhstal'")

Card 4/4

BEL'YI, V.D., doktor tekhn.nauk; TREYGER, M.B., inzh.

Testing steel cables with electromagnetic devices. Bezop. truda v
prom. 5 no. 5:22-24 My '61. (MIRA 14:5)
(Wire rope—Testing) (Electric instruments)

BELYY, V.D.; SAMARSKIY, A.F.; TRUYNER, M.B.

Strength of mine hoisting ropes and control of its change
during use. Trudy MakhNII 9 no.2:349-365 '59. (MIRA 12:8)
(Wire ropes--Testing)

Treyger, M. B.

BELYY, V.D., doktor tekhn.nauk; TREYGER, M.B., inzh.

Instrument for checking cross sections of hoisting cables. Bezop.
truda v prom. 2 no.5:27-28 My '58. (MIRA 11:4)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoy promyshlennosti.
(Cables--Testing)

BELYY, V.D.; TREYGER, M.B.

Theoretical and experimental studies of a defectoscope transducer
for closed-type cables. Trudy MakNII 14. Vop. gor. elektromekh.
no.5:88-99 '62. (MIRA 16:6)
(Electric cables--Testing) (Transducers)

BELYY, V.D.; TREYGER, M.B.

Selection of an operating frequency for electromagnetic instruments for checking cross sections of steel cables. Trudy MakNII
12: Vop. gor. elektromekh. no.4:315-323 '61.

(MIRA 16:6)

(Wire rope—Testing)
(Electromagnets)

TREYGER, M.B.

Device for checking the durability of cables. Trudy MakNII 11.Vop.
gor.elektromekh.no3:356-363 '60.

(MIRA 16:5)

(Wire rope-Testing)

(Mechanical wear)

YELATOMTSEV, Vladimir Ivanovich; TREYGER, M.S., red.; SHIROKOVA,
M.M., tekhn. red.

[Universal measuring device with a transistor and electron-
tube tester] Universal'nyi izmeritel'nyi pribor s ispytate-
lem radiolamp i tranzistorov. Moskva, Gos. energ.izd-vo,
1961. 39 p. (Massovaia radiobiblioteka, no.410)

(MIRA 15:3)

(Transistors--Testing) (Electron tubes--Testing)
(Electronic measurements)

KHANINA, TS.G.; TREYGER, N.B.; GORYSHNIK, I.Sh.; BAKHSHINOVA, G.P.

Using liquid A-class bitumen in pavements. Avt.dor. 28
no.11:10-11 N '65.

(MIRA 18:11)

L 01065-67 EWT(1)/EWT(m)/T DS/JD
 ACC NR: AP6015576 (IV) SOURCE CODE: UR/0146/66/009/002/0069/0073
 AUTHOR: Borovkov, V. S.; Treyer, V. V. 46
 ORG: Moscow Aviation Institute (Moskovskiy aviatsionnyy institut) B
 TITLE: Investigation of electrochemical controllable resistors 25
 SOURCE: IVUZ. Priborostroyeniye, v. 9, no. 2, 1966, 69-73
 TOPIC TAGS: electrochemical resistor, data storage, ~~analog~~ memory *core*,
analog system
 ABSTRACT: Fundamentals about the electrochemical controllable resistor (chemical memistor) based on the work of B. Widrow et al. (IRE Trans., MIL-5, 1961, no. 4) are set forth. The results of an investigation of Soviet-made specimens are briefly reported. These readout electrodes proved to be best: ceramic-backing thin-film carbon resistors; Pt or Rh thin films; thin (under 20 microns) wire of the same metals. Other experimental data: memistor capacitance, 0.1-0.2 μ F(?); capacitive reactance at 1-5 kc can be neglected; temperature coefficient of resistance, 1.1-1.5% per 1C for carbon memistors or 0.1-0.3% per 1C for metal memistors; resistance variation with no control signal, 0.1-0.5% per 24 hours; readout current, 2-5 ma; resistance-change time, 10-100 sec. Orig. art. has: 3 figures, 5 formulas, and 1 table.
 SUB CODE: 09 / SUBM DATE: 20Feb65 / ORIG REF: 001 / OTH REF: 001

Cord 1/1

vlr

UDC: 621.350

TREYGER, YAKOV ABRAMOVICH

EPP
.R93692

Torgovlya knigami na zheleznodorozhnom transporte
The book trade dealing with railroad transportation Moskva, "Isk-
usstov", 1957.

66p. illus., tables.

NAZARENKO, M.F.; TREYGER, R.M.

Using chemical methods in the quantitative analysis of mullite.
Trudy Inst. stroi. i stroimat. AN Kazakh SSR 2:235-239 '59.
(MIRA 12:10)
(Mullite) (Chemistry, Analytical--Quantitative)

TREYGER, Ye.I.; LITVINENKO, V.G.

Increasing the resistance of working rolls for cold rolling
at the Zaporozhstal' Plant. Met. i gornorud. prom. no.1:
36-40 Ja-F '65. (MIRA 18:2)

Name: TREYLIKH, Yekaterina Alekseyevna

Dissertation: Data on the study of tuberculosis
in adolescents of Kazakhstan

Degree: Doc Mod Sci

Affiliation: [not indicated]

Defense Date, Place: 13 Mar 56, Council of Kazakh State Med
Inst imeni Molotov

Certification Date: 26 May 56

Source: BMVO 4/57

TREYLIKH, Ye. A.

Tuberculosis in adolescents in Kazakhstan. Zdrav. Kazakh. 16 no.11:
30-34 '56. (MLRA 10:1)
(KAZAKHSTAN--TUBERCULOSIS)

ТРЕВКИН, Ye. A

Trevkin, Ye.A. -- "Material on the Study of Tuberculosis in Adolescents
in Kazakhstan." Kazakh State Medical Institute V. V. Velotav.
Alma-Ata, 1956. (Dissertation for the Degree of Doctor in Medical
Science)

So: Knizhnaya Letopis' No 18, 1956

AUTHOR: Treyman, A. Deputy Director 27-58-6-7/35

TITLE: Experience of Teaching Stage-harvesting of Grain
(Opyt obucheniya razdel'noy uborke khlebov)

PERIODICAL: Professional'no-Tekhnicheskoye Obrazovaniye, 1958, Nr 6,
p 6-8 (USSR)

ABSTRACT: The author describes the teaching methods in the schools of agricultural mechanization of the Kemerovo oblast'. There were three groups of students: tractor operators (1 year course); combine operators (6 month course), and harvester operators (36 hour course). The author criticizes the program established by the central authority and finds that some subjects were omitted and some other fields were wrongly scheduled for instruction.

ASSOCIATION: Remeslennoye uchilishche po mekhanizatsii sel'skogo khozyaystva
№ 17 y Kemerovo (The Kemerovo Nr 17 Trade School for Agricultural Mechanization)

Card 1/1 1. Agriculture-Study and teaching 2. Grains-Harvesting-Study and teaching 3. Education-USSR

TREYMAN, A.

Training in harvesting grain in separate stages. Prof.-tekh. obr.
15 no.6:6-8 Je '58. (MIRA 11:6)

1. Zamestitel' direktora remeslennogo uchilishcha po mekhanizatsii
sel'skogo khozyaystva No.17, Kemerovo.
(Harvesting)

TREYMAN, A.

TREYMAN, A.

Favorite matter. Sov.profsoiuzy 2 no.7:50-51 J1 '54. (MLBA 7:7)

1. Zaveduyushchiy bibliotekoy Kurganskogo obkoma profsoyuza finansovobankovskikh rabotnikov.
(Libraries and readers)

TREYMAN, Artur Ivanovich; TSEGEL'SKIY, Yu.V., nauchnyy red.;
TIKHONOVA, N.V., red.; BARANOVA, N.N., tekhn. red.

[Laboratory work on relay protection and automatic control]
Provedenie laboratornykh rabot po releinoi zashchite i av-
tomatike . Moskva, Proftekhizdat, 1963. 113 p. (MIRA 16:8)
(Electric protection) (Automatic control)

ACCESSION NR: AP007868

8/0197/63/000/008/0032/0042

AUTHORS: Birsniyeks, L.; Treyman, E.

TITLE: Fine control of potential on electrically mobile variable current state using control semiconductor rectifier elements

SOURCE: AN LatSSR. Izvestiya, no. 8, 1963, 32-42

TOPIC TAGS: voltage rectifier, silicon rectifier, magnetization current, impedance, commutator, voltage control

ABSTRACT: Increasing the fine control of potential on the electrically mobile state with silicon rectifiers without changing the structure of the tractive transformer or commutator equipment can be accomplished by changing the uncontrolled transitional rectifier element into a controllable rectifier element (CSRE). Detailed investigations have been made of the rectifying regime at various control positions determined by the current and potential in these regions. Approximate curves are obtained which give the mean value of the controlled potential. To simplify the analysis it is assumed that the magnetization current and coil impedance of the transformer are zero, the reverse current in regulated and uncontrolled semiconductors is zero, the forward voltage drop is independent of the current magnitude

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ACCESSION NR: AP3007868

and is equal to ΔU . An equivalent circuit diagram is constructed for the CSRE, and the fundamental operating regime in a single half-period is given in four regions - K1, B1, KB1, and B2 with K1 divided into two regions: K11 and K12 (see Figs. 1 and 2 on the Enclosures). For each regime a set of equations is derived to determine the instantaneous magnitude of the currents in the rectifier branches. The mean value of the rectified voltage in the regulation process is given by

$$U_d = k \frac{1}{\pi} \int_{\gamma_1}^{\pi} \sin \theta d\theta + \frac{1}{\pi} \int_{\alpha + \gamma_1}^{\pi} \sin \theta d\theta = k \frac{1 + \cos \gamma_1}{\pi} + \frac{1 + \cos (\alpha + \gamma_1)}{\pi}$$

This shows that the limits of fine control of potential as a function of triggering angle $\alpha + \gamma$ of the CSRE at each controller position is fixed by the inherent commutation angle γ_1 . Orig. art. has: 22 formulas, 7 figures, and 2 tables.

ASSOCIATION: Institut energetiki AN Latv. SSR (Power Institute, AN Latvian SSR)

SUBMITTED: 17Apr63

DATE ACQ: 21Oct63

ENCL: 02

SUB CODE: EE

NO REF SOV: 002

OTHER: 000

Card 2/4

ACCESSION NR: AP3007868

ENCLOSURE: 01

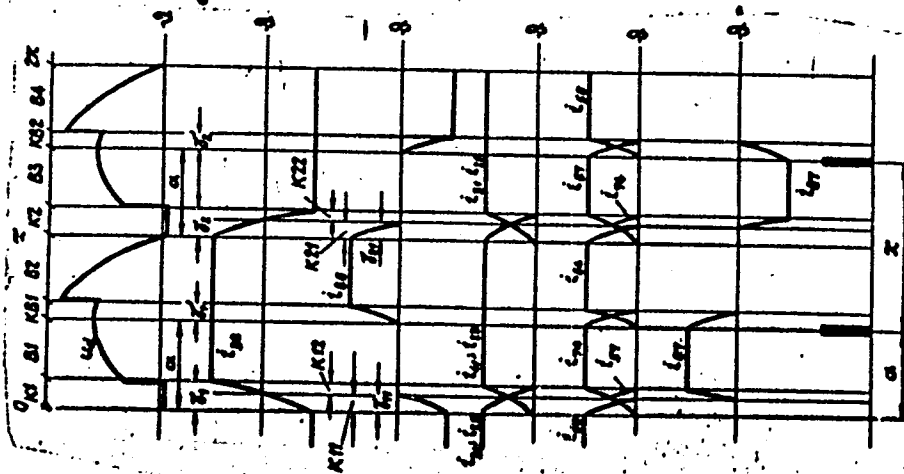


Fig. 1. Current and rectified voltage diagram.

Card 3/4

ACCESSION NR: AP3007868

ENCLOSURE: 02

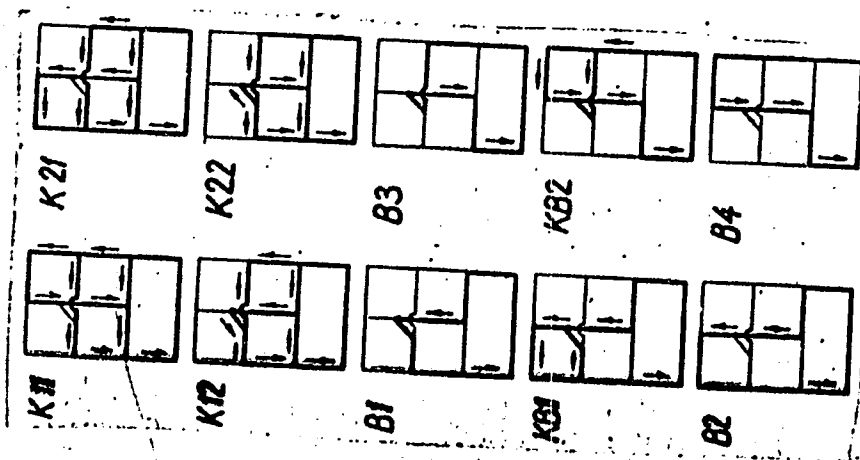


Fig. 2. Contours of current flow in various working regimes of the rectifier scheme.

Card 4/4

"APPROVED FOR RELEASE: 04/03/2001

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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756610007-8"

ADDRESS: 1000 N. 1000 N. 1000 N.

H.

LATVIA/Chemical Technology - Fermentation Industry.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 55470

Author : Treyman K.

Inst :

Title :

Orig Pub : Citric Acid from Molasses.

Abstract : Padomju latvijas tautas sainieciba, 1957, No 1, 50-51

The Riga plant manufactures citric acid (I) from molasses (without sugar). Two surface methods of production of I are in use. By a many-fold replacement method, a film of *Aspergillus niger* is cultivated on a sugar solution which is then replaced by a solution of molasses, which in turn is replaced under film three or four times, depending on the completeness of the fermentation. The thickness of the solution is 2.5 cm. By this method, the yield of citric acid from 1 m³ of the fermenting area is lower than that obtained from sugar solution. In a fixed method, the cultivation of fungi and the

Card 1/2

TREYMAN, V.V., doktor med.nauk

Professor M.M. Gran as a hygienist and organizer of the public health system. Kaz. med. zhur. no. 2:83-85 Mr-Apr '61. (MIRA 14:4)

1. Kafedra organizatsii zdavookhraneniya i istorii meditsiny
(zav. - prof. T.D. Epshteyn) Kazanskogo meditsinskogo instituta.
(GRAN, MOISEI MARKOVICH, 1867-1940)

TRITMAN, V.V., p. 8.

Clemens Kirquet, an outstanding fencer in Australia to date. Sov.
med. 28 no.3:151-153 Mr '65. (MIRA 18:19)

1. Kafedra organizatsii zdoravookhraneniya i istorii meditsiny
Iyazanskogo meditsinskogo instituta imeni akademika I.P.Pavlova.

Dissertation: Protection of the health of workers
of the Tatar ASSR before and after
the Great October Socialist Revolution

Degree: Doc Med Sci

Affiliation: [Not indicated]

Defense Date, Place: 2 Jul 56, Council of Kazan' State Med
Inst

Certification Date: 1 Jun 57

Source: BMVO 16/57